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26158 7590 07/25/2007

**WOMBLE CARLYLE SANDRIDGE & RICE, PLLC**  
**ATTN: PATENT DOCKETING 32ND FLOOR**  
**P.O. BOX 7037**  
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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

<b>Diane H. Marshall</b>	(Depositor's name)
	(Signature)
<b>October 24, 2007</b>	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/521,104	02/14/2005	Kira Saloniis	VA/H-32622A	7063

**TITLE OF INVENTION: VACCINE AGAINST SALMONID RICKETTSIAL SEPTICAEMIA BASED ON ARTHROBACTER CELLS**

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	10/25/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
ABBOTT, YVONNE RENEE	3644	I19-215000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

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2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

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**Womble Carlyle Sandridge & Rice, PLLC**

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

**Novartis AG**

**Basel Switzerland**

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☒ Issue Fee  
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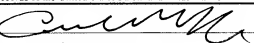
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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature



Date **October 24, 2007**

Typed or printed name

**Carl B. Massey, Jr.**

Registration No. **44,224**

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